

~~TOP SECRET~~

IDEA 0889
Copy 4 of 4

21 JUL 1962

MEMORANDUM FOR THE RECORD

SUBJECT: USAF Estimate of MIG-21

1. Combat ceiling: 51,200 ft.
2. Zoom climb: with initiated climb from level flight at 38,000 ft, Mach 2.5. Zoom: can be made to 70,000 ft. and level flight maintained at that altitude up to four minutes.
3. Radius of action: subsonic
 - a. 290 NM without tanks.
 - b. 380 NM with tanks.
4. Missile capability:
 - a. IR and beam rider.
5. AI capability:
 - a. Tail chase: 10 mile search; 7 mile lock on.
 - b. 90° beam: 15 mile search; 10 mile lock on.
 - c. Head on: 12 mile search; 8 mile lock on.

SIGNED

[Redacted Signature Box]

Chief, Operations Division, OSA

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USAF review(s) completed.

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OSA/OD/ [REDACTED] (17 Sept 62)

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